

Meeting Date: 9/16/08

AGENDA REPORT

City of Santa Clara, California

Agenda Item # 7A-5



Date: September 10, 2008

To: City Manager for Council Action

From: Director of Public Works / City Engineer

Subject: Traffic Resolution for Traffic Regulations at the Intersection of Isabella Street and Catherine Street

EXECUTIVE SUMMARY:

A resident in the immediate area of Isabella Street and Catherine Street has requested the upgrade of the existing 2-Way Yield sign controlled intersection to a 4-Way Stop controlled intersection, along with the installation of speed humps. This request was made after a recent roll-over accident at this intersection. The Traffic Engineer staff has inspected the intersection, reviewed the accident history and installed traffic counters to measure the amount of traffic that traveled through the intersection.

It was found that this intersection falls short of meeting the national guideline to upgrade the intersection to a 4-Way Stop. Under these guidelines, the relatively low traffic volumes and accident history (one accident in the past five years) show that the conversion of this intersection to a 4-Way Stop is not justified. However, the upgrade of the existing Yield signs to a 2-Way Stop controlled intersection is warranted and qualifies as a Level 1 traffic calming measure as per the City's traffic calming program. In addition, a field inspection of the intersection found that if the shrubs on the northwest corner of the intersection are trimmed, the visibility of the intersection will improve. The property owner has been notified to reduce the height of the shrubs at this corner.

Regarding speed humps, the City of Santa Clara criteria for speed humps adopted by the City Council requires that the traffic volumes on the street exceed 1,000 vehicles per day and the 85% percentile speed exceed 33 miles per hour. The traffic volumes on Catherine Street were measured at 528 vehicles per day and the 85th percentile was less than 27 miles per hour, thus falling short of the criteria for the installation of speed humps.

A 2-Way Yield controlled currently exists at this intersection, with Yield Signs facing Isabella Street traffic. The proposed traffic regulation will upgrade the 2-Way Yield intersection to a 2-Way Stop controlled intersection, with stop signs facing Isabella Street.

The attached Resolution prepared by staff to accomplish the proposed upgrading of the 2-Way Yield intersection to a 2-Way Stop controlled intersection has been approved by the City Attorney.

ADVANTAGES AND DISADVANTAGES OF ISSUE:

The upgrade from a 2-Way Yield to a 2-Way Stop controlled intersection of Isabella Street and Catherine Street will help calm traffic and enhance safety in the neighborhood.

ECONOMIC/FISCAL IMPACT:

There is no additional cost to the City other than staff time and expense.

RECOMMENDATION:


That the Council:

1. Repeal Section 1 of Resolution No. 4296 establishing Yield Signs on Isabella Street at Catherine Street; and
2. Pass and adopt a Resolution establishing 2-Way Stop Signs on Isabella Street at Catherine Street.



Rajeev Batra
Director of Public Works / City Engineer

APPROVED:


Jennifer Spadacino
City Manager

Documents Related to this Report:

1. Resolution
2. Sketch
3. Resolution No. 4296

RESOLUTION NO. _____

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
SANTA CLARA, CALIFORNIA, ESTABLISHING CERTAIN
TRAFFIC REGULATIONS AT THE INTERSECTION OF
ISABELLA STREET AND CATHERINE STREET**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SANTA CLARA,
CALIFORNIA, AS FOLLOWS:**

WHEREAS, the City desires to calm traffic and improve public safety at the intersection of Isabella Street and Catherine Street ("Intersection"); and

WHEREAS, the Intersection currently has two-way yield signs on Isabella Street; and

WHEREAS, in July 2008, the City received a request from a citizen to consider the installation of stop signs or speed humps; and

WHEREAS, the City Council approved a "Traffic Calming Program" in 1999. The Traffic Calming Program authorizes Level 1 traffic calming measures in response to a citizen request, after the City collects and analyzes speed, volume, and traffic data. A copy of the "Traffic Calming Program" is available for public viewing at the Department of Engineering and Public Works, located at 1500 Warburton Avenue in Santa Clara, during normal business hours; and

WHEREAS, the City conducted a traffic study and analyzed traffic volumes, speeds, and accident data at the Intersection ("Study"). A copy of the Study is available for public viewing at the Department of Engineering and Public Works, located at 1500 Warburton Avenue in Santa Clara, during normal business hours. The Study found that:

(1) Traffic Speed. Traffic speed data was collected in July 2008. The 85th percentile of traffic speeds on Catherine Street was 26.2 m.p.h. and 15.3 m.p.h. on Isabella Street. The 85th percentile is the speed at which 85% of the vehicles travel at or below; and

(2) Traffic Volume. Traffic volume data was collected in July 2008. Twenty-four hour vehicle volumes on Catherine Street is approximately 528 vehicles per day and 234 vehicles per day on Isabella Street; and

WHEREAS, the citizen requests, the Traffic Calming Program and Study support upgrading the intersection from a two-way yield to a two-way stop controlled intersection.

WHEREFORE, THE CITY COUNCIL OF THE CITY OF SANTA CLARA HEREBY FINDS AND ORDERS AS FOLLOWS:

1. Findings. The City of Santa Clara hereby finds that, based on the citizen requests, Study, and analyzing the traffic speeds and traffic volume, the installation of two-way stop signs at the Intersection will enhance public safety.

2. Section 1 of Resolution No. 4296 is hereby repealed. All other provisions of Resolution No. 4296 are valid and remain in full force and effect. Before this repeal, Section 1 of Resolution No. 4296 established yield signs on Isabella Street at Catherine Street.

3. Two-Way Stop Sign Installation. The City hereby establishes and authorizes the installation of two-way stop signs facing Isabella Street at Catherine Street Intersection, subject to certain conditions and finding that the two-way stop sign meets the criteria set forth in the City of Santa Clara's Traffic Calming Program for a Level 1 traffic calming measure.

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4. Constitutionality, severability. If any section, subsection, sentence, clause, phrase, or word of this resolution is for any reason held by a court of competent jurisdiction to be unconstitutional or invalid for any reason, such decision shall not affect the validity of the remaining portions of the resolution. The City Council of the City of Santa Clara hereby declares that it would have passed this resolution and each section, subsection, sentence, clause, phrase, and word thereof, irrespective of the fact that any one or more section(s), subsection(s), sentence(s), clause(s), phrase(s), or word(s) be declared invalid.

I HEREBY CERTIFY THE FOREGOING TO BE A TRUE COPY OF A RESOLUTION PASSED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF SANTA CLARA, CALIFORNIA, AT A REGULAR MEETING THEREOF HELD ON THE ____ DAY OF _____, 200__, BY THE FOLLOWING VOTE:

AYES: COUNCILORS:

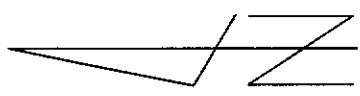
NOES: COUNCILORS:

ABSENT: COUNCILORS

ABSTAINED: COUNCILORS:

ATTEST: _____
ROD DIRIDON, JR.
CITY CLERK
CITY OF SANTA CLARA

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STREET

STREET

ISABELLA

CATHERINE

EXISTING
YIELD SIGN
PROPOSED
STOP SIGN

EXISTING
YIELD SIGN
PROPOSED
STOP SIGN



RESOLUTION NO. 4296

A RESOLUTION ESTABLISHING CERTAIN TRAFFIC
REGULATIONS IN THE CITY OF SANTA CLARA

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SANTA
CLARA, as follows:

✓ SECTION 1: That there shall be installed Yield Signs facing
Isabella Street at Catherine Street.

SECTION 2: That there are hereby established No Stopping,
Standing, or Parking Zones, at any time, at the following loca-
tions:

✓ 1. Kiely Boulevard, east side, between a point 80 feet
south of the south curb of Malabar Avenue and a point 120 feet
south of the south curb of Malabar Avenue.

✓ 2. Kiely Boulevard, west side, between a point 140 feet
south of the south curb of Malabar Avenue and a point 165 feet
south of the south curb of Malabar Avenue.

✓ 3. Kiely Boulevard, west side, between Stevens Creek Boule-
vard, and a point 240 feet north of the north curb of Stevens
Creek Boulevard.

✓ SECTION 3: That there is hereby established a Two Hour
Parking Limit between the hours of 8:00 a.m. and 6:00 p.m., follow-
ing, Saturdays, Sundays and Holidays excepted, on Kiely Boulevard,
west side, between Malabar Avenue and a point 140 feet south of the
south curb of Malabar Avenue.

✓ SECTION 4: That Section 3 of Resolution No. 4105 is hereby
repealed.

SECTION 5: That changes provided for in this resolution shall
not affect any offense or act committed or done or any penalty for
forfeiture incurred or any right established or accruing before
the effective date of this resolution, nor shall it affect any
prosecution, suit or proceeding pending or any judgment rendered
prior to the effective date of this resolution.

PASSED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF
SANTA CLARA this 14th day of October, 1980, by the
following vote:


AYES: COUNCILMEN: Mahan, Martinez, Souza, Street, Texera,
Tobkin and Mayor Gissler

NOES: COUNCILMEN: None

ABSENT: COUNCILMEN: None

ATTEST: A. S. BELICK
City Clerk
City of Santa Clara

I, A. S. Belick, City Clerk of the City of Santa
Clara, do hereby certify that the within
Ordinance or Resolution is a correct copy
of the original, and that same has been
published as required by law.


City Clerk

CITY OF SANTA CLARA
AGENDA MATERIAL ROUTE SHEET

Council Date: 9-16-2008

SUBJECT: Traffic Resolution for Traffic Regulations at the Intersection of Isabella Street and Catherine Street

CERTIFICATION

The proposed Traffic Resolution for Traffic Regulations regarding Two-way Stop Signs on Isabella Street at Catherine Street; Repeal of Section 1 of Resolution No. 4296 has been reviewed and is hereby certified.

PUBLICATION REQUIRED:

The attached Notice/Resolution/Ordinance is to be published _____ time(s) at least _____ days before the scheduled meeting/public hearing/bid opening/etc., which is scheduled for _____, 200__.

AUTHORITY SOURCE FOR PUBLICATION REQUIREMENT:

Federal Codes:

Title _____ U.S.C. § _____
(Titles run 1 through 50)

California Codes:

Code _____ § _____
(i.e., Government, Street and Highway, Public Resources)

Federal Regulations:

Title _____ C.F.R. § _____
(Titles run 1 through 50)

California Regulations:

Title _____ California Code of Regulations § _____
(Titles run 1 through 28)

City

City Charter § _____ (i.e., 1310. Public Works Contracts. Notice published at least once at least ten days before bid opening)

City Code § _____

1. As to City Functions, by

C. Rajen Barr
Department Head

2. As to Legality, by

Deanne Richter
City Attorney's Office / CAO Assignment No 08. 1216

3. As to Environmental
Impact Requirements, by

Kevin L. Riley
Director of Planning and Inspection

4. As to Substance, by

J. Sparaceno
City Manager

Revision Date June 7, 2005